

Changes in `calunpdata` Package



- ❖ Naming convention of programs in `calunpdata` package sucks. It's been *very confusing*.
- ❖ New scheme:
 - `CalPacked2RawReco` → `CalMCToUnpReco`
 - `CalRaw2PackedReco` → `CallUnpToMCReco`
 - same thing for the framework registration macros, and rcp files
- ❖ Also have replaced the `debug` flag with a `debug_level` `rcp` parameter. 0 means no debug info printed.
- ❖ version v00-03-01
- ❖ Will be released with t00.88.00 (May 8?)
- ❖ online docs at
<http://annwm.lbl.gov/~leggett/D0/calunpdata.html>



Raw Data Builder



- ❖ Package to transform **UnpDataChunks** into **RawDataChunks**.
- ❖ In v00-03-00 of **unpack_reco** (not in any DØ release)
 - **pack_reco**
 - requires the UnpDataChunk to be made first (duh)
 - calunpdata/CalMCToUnpReco
 - smntraw/SmtData2RawUnp
 - muo_unpdata/MuoMCToUnpReco
- ❖ Been demonstrated to work producing both separately, and all together in one file:
 - CAL_FE
 - MUO_FE
 - SMT_FE
- ❖ And there was much rejoicing.....



How to Build a Calorimeter RD_C



◆ packages:

- unpack_reco: v00-03-00
- calumpdata: v00-03-01
- caldata: head
- t85 good for everything else (t86 had build problems on IRIX)
- ◆ add `PackReco.x` to `unpack_reco/bin/BINARIES`
- ◆ `gmake unpack_reco.lib, unpack_reco.bin`
- ◆ `adjust thresholds` (default set to 0.001 GeV) in
`calumpdata/CalMCToUNPReco.rcp`
- ◆ `copy framework rcp file ("PackReco_fwk.rcp"), and`
`run configuration file ("cfg.dat") from`
`unpack_reco/bin to executable directory.`
- ◆ `copy ReadEvent.rcp, WriteEvent.rcp to rcp directory`
- ◆ `run PackReco.x -rcp PackReco_fwk.rcp`

